

Focus Area 8: Environmental Health

Objective 8-1 targets a reduction in the proportion of persons exposed to air that does not meet the U.S. Environmental Protection Agency (EPA) health-based standards for harmful air pollutants. The following sub-objectives are tracked using California nonattainment area data available from the EPA's AirData, Air Quality System (AQS):

Objective 8-1a targets reduction in the proportion of persons exposed to ozone (O₃) to zero. California data indicate that all or parts of 35 counties were in nonattainment status for ozone (8-hour) during 2004, which included 31,522,716 persons or 92.8 percent of the state's population (Table 8-1a).

Objective 8-1b targets reduction in the proportion of persons exposed to particulate matter (PM₁₀) to zero by the year 2010. All or parts of 15 California counties were in nonattainment status for PM₁₀ during 2004, which included 19,416,084 persons or 57.2 percent of the state's population (Table 8-1b).

Objective 8-1c targets reduction in the proportion of persons exposed to carbon monoxide (CO) to zero. Parts of 4 California counties were in nonattainment status during 2004, which included 14,593,586 persons or 43.0 percent of the state's population (Table 8-1c).

For more information on environmental health and air pollution, please visit:

U.S. EPA Web site at: <http://www.epa.gov/air/data/index.html>

California EPA Web site at: <http://www.calepa.ca.gov/>

California Air Resources Board at: <http://www.arb.ca.gov/homepage.htm>

California Environmental Health Investigations Branch at:
<http://www.ehib.org/cma/index.jsp>

For more information on Healthy People 2010 objective 8-1, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/08Environmental.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od08.htm>

Table 8-1a. EPA nonattainment areas for Ozone (8-hour)
California, 2004

COUNTY	Persons in nonattainment areas ¹	Persons living in county ²	Percent of population in nonattainment areas
ALAMEDA	1,443,741	1,443,741	100.0%
AMADOR	35,100	35,100	100.0%
BUTTE	203,171	203,171	100.0%
CALAVERAS	40,554	40,554	100.0%
CONTRA COSTA	948,816	948,816	100.0%
EL DORADO	124,164	156,299	79.4%
FRESNO	799,407	799,407	100.0%
IMPERIAL	142,361	142,361	100.0%
KERN	649,471	661,645	98.2%
KINGS	129,461	129,461	100.0%
LOS ANGELES	9,519,336	9,519,338	100.0%
MADERA	123,109	123,109	100.0%
MARIN	247,289	247,289	100.0%
MARIPOSA	17,130	17,130	100.0%
MERCED	210,554	210,554	100.0%
NAPA	124,279	124,279	100.0%
NEVADA	77,735	92,033	84.5%
ORANGE	2,846,288	2,846,289	100.0%
PLACER	239,978	248,399	96.6%
RIVERSIDE	1,519,609	1,545,387	98.3%
SACRAMENTO	1,223,499	1,223,499	100.0%
SAN BERNARDINO	1,689,509	1,709,434	98.8%
SAN DIEGO	2,813,430	2,813,833	100.0%
SAN FRANCISCO	776,733	776,733	100.0%
SAN JOAQUIN	563,598	563,598	100.0%
SAN MATEO	707,161	707,161	100.0%
SANTA CLARA	1,682,585	1,682,585	100.0%
SOLANO	394,542	394,542	100.0%
SONOMA	413,716	458,614	90.2%
STANISLAUS	446,997	446,997	100.0%
SUTTER	25,014	78,930	31.7%
TULARE	368,021	368,021	100.0%
TUOLUMNE	54,501	54,501	100.0%
VENTURA	753,197	753,197	100.0%
YOLO	168,660	168,660	100.0%
STATEWIDE	31,522,716	33,964,767	92.8%

NOTES: ¹ Number of persons in nonattainment areas, US EPA, AirData, 09/04.

² Number of persons living in county, CA DOF, Report E-1, 01/04 for counties with no persons in nonattainment areas; US EPA AirData for counties with persons in nonattainment areas.

Table 8-1b. EPA nonattainment areas for particulate matter (PM₁₀)
California, 2004

COUNTY	Persons in nonattainment areas ¹	Persons living in county ²	Percent of population in nonattainment areas
FRESNO	799,407	799,407	100.0%
IMPERIAL	119,825	142,361	84.2%
INYO	14,000	18,500	75.7%
KERN	649,471	661,645	98.2%
KINGS	129,461	129,461	100.0%
LOS ANGELES	9,222,280	9,519,338	96.9%
MADERA	123,109	123,109	100.0%
MONO	258	13,500	1.9%
ORANGE	2,846,288	2,846,289	100.0%
RIVERSIDE	1,376,801	1,545,387	89.1%
SACRAMENTO	1,223,499	1,223,499	100.0%
SAN BERNARDINO	1,533,069	1,709,434	89.7%
SAN JOAQUIN	563,598	563,598	100.0%
STANISLAUS	446,997	446,997	100.0%
TULARE	368,021	368,021	100.0%
STATEWIDE	19,416,084	33,964,767	57.2%

Table 8-1c. EPA nonattainment areas for carbon monoxide (CO)
California, 2004

COUNTY	Persons in nonattainment areas ¹	Persons living in county ²	Percent of population in nonattainment areas
LOS ANGELES	9,222,280	9,519,338	96.9%
ORANGE	2,846,288	2,846,289	100.0%
RIVERSIDE	1,194,859	1,545,387	77.3%
SAN BERNARDINO	1,330,159	1,709,434	77.8%
STATEWIDE	14,593,586	33,964,767	43.0%

NOTES: ¹ Number of persons in nonattainment areas, US EPA, AirData, 09/04.

² Number of persons living in county, CA DOF, Report E-1, 01/04 for counties with no persons in nonattainment areas; US EPA AirData for counties with persons in nonattainment areas.